

CONTENTS OF VOLUME 28

No. 1 JANUARY 1961

SYMPOSIUM ON HEMODIALYSIS

INTRODUCTION TO SIX SHORT PAPERS ON THE PRESENT STATUS OF CLINICAL HEMODIALYSIS

Willem J. Kolff, M.D. 1

THE USE OF THE ARTIFICIAL KIDNEY IN ACUTE INTOXICATION BY HYPNOTIC DRUGS

John M. Brandon, M.D. 3

USE OF RENAL BIOPSY TO PREDICT THE CLINICAL RESULT OF HEMODIALYSIS IN CHRONIC RENAL DISEASE

Jerry L. Rosenbaum, M.D., and Lawrence J. McCormack, M.D. 5

REMOVAL OF EDEMA FLUID BY ULTRAFILTRATION WITH THE DISPOSABLE TWIN-COIL ARTIFICIAL KIDNEY; REPORT OF TWO CASES

Satoru Nakamoto, M.D. 10

THE ROLE OF THE ARTIFICIAL KIDNEY IN CORRECTING SERUM ELECTROLYTE ABNORMALITIES IN RENAL FAILURE; REPORT OF FOUR REPRESENTATIVE CASES

George M. Decherd, M.D. 16

ARTIFICIAL HIBERNATION; REPORT OF THREE CASES INCLUDING TWO WITH DIALYSIS

James R. Geyer, M.D., and Satoru Nakamoto, M.D. 20

DIALYSIS IN THE AGED; STUDY OF PATIENTS SIXTY YEARS OF AGE OF OLDER

Marshall Franklin, M.D. 27

LABORATORY AIDS IN THE DIAGNOSIS AND TREATMENT OF URINARY TRACT INFECTIONS

Ralph A. Straffon, M.D. 30

DIAGNOSIS AND TREATMENT OF THE NARCOLEPSY SYNDROME; ANALYSIS OF SEVENTY-FIVE CASE RECORDS

Gerald Bowling, M.D., and Nelson G. Richards, M.D. 38

R-WAVE VOLTAGE CHANGES IN RELATION TO ARTERIAL PRESSURE IN HYPERTENSIVE PATIENTS

*Athan J. Georgopoulos, M.D., Philip A. Vlastaris, M.D.
and William L. Proudfit, M.D.* 46

RECENT PUBLICATIONS BY MEMBERS OF THE STAFF 51

BUNTS INSTITUTE—POSTGRADUATE COURSES 55

No. 2 APRIL 1961

IN MEMORIAM — CHARLES LESTER HARTSOCK, M.D.	<i>Alexander T. Bunts, M.D.</i>	58
THE CLASSIFICATION AND DIAGNOSIS OF URINARY INCONTINENCE IN WOMEN	<i>James S. Krieger, M.D., and Ralph A. Straffon, M.D.</i>	61
DESICCATED THYROID AND <i>l</i> -TRIIODOTHYRONINE ADMINISTRATION IN HYPOMETABOLISM WITHOUT THYROIDAL DEFICIENCY	<i>Charles W. Reynolds, M.D., and E. Perry McCullagh, M.D.</i>	70
HEAT AS AN ADJUNCT TO THE TREATMENT OF CANCER; EXPERIMENTAL STUDIES	<i>George Crile, Jr., M.D.</i>	75
RIGHT COLON USED AS AN ESOPHAGEAL PROSTHESIS; REPORT OF FIVE CASES	<i>Laurence K. Groves, M.D., and Rupert B. Turnbull, Jr., M.D.</i>	90
PERMISSION FOR AUTOPSY — GRANTED	<i>John S. Collis, Jr., M.D.</i>	105
ABDOMINORECTAL PULL-THROUGH RESECTION FOR CANCER AND FOR HIRSCHSPRUNG'S DISEASE; DELAYED POSTERIOR COLORECTAL ANASTOMOSIS	<i>Rupert B. Turnbull, Jr., M.D., and Alan Cuthbertson, M.D.</i>	109
EVALUATION OF ERROR IN MEASUREMENT OF pH OF BLOOD AT ROOM TEMPERATURE	<i>Willard R. Faulkner, Ph.D.</i>	116
THE TREATMENT OF DIABETES INSIPIDUS WITH BENZYDROFLUMETHIAZIDE AND POTASSIUM CHLORIDE IN ELEVEN PATIENTS	<i>John F. Lefebvre, M.D., and O. Peter Schumacher, M.D., Ph.D.</i>	122
BLOOD PROCUREMENT IN THE STATE OF OHIO	<i>John W. King, M.D., Ph.D.</i>	129
INSTRUCTIONS TO THE COLOSTOMY PATIENT; MANAGEMENT OF THE COLOSTOMY	<i>Rupert B. Turnbull, Jr., M.D.</i>	134
RECENT PUBLICATIONS BY MEMBERS OF THE STAFF		141
BUNTS INSTITUTE—POSTGRADUATE COURSES		144

No. 3 JULY 1961

"FUNCTIONING" PULMONARY NEOPLASMS: I. THE CARCINOID TUMOR; II. THE HEMANGIOPERICYTOMA	<i>Lawrence J. McCormack, M.D., William M. McIsaac, M.B., Ph.D., M.R.C.S., Haakon Ragde, M.D., Laurence K. Groves, M.D., and Donald B. Effler, M.D.</i>	145
ATRAUMATIC TECHNIC—THE SINE QUA NON OF OPERATIVE WOUND INFECTION PROPHYLAXIS	<i>Eldon R. Dykes, M.D., and Robin Anderson, M.D.</i>	157

	PITFALLS IN THE SURGICAL CLOSURE OF ATRIAL SEPTAL DEFECT; BASED ON EXPERIENCE WITH ONE HUNDRED AND FIFTEEN CASES	
	<i>Donald B. Effler, M.D., and Laurence K. Groves, M.D.</i>	166
58	EXPERIENCE WITH THIRTEEN CASES OF RESECTION OF ANEURYSMS OF THE DESCENDING THORACIC AORTA	
61	<i>Laurence K. Groves, M.D.</i>	176
	EVALUATION OF THE INFERTILE COUPLE	
	<i>Elisabeth B. Ward, M.D.</i>	189
70	A WHITHER REPORT ON THE RESEARCH DIVISION OF THE CLEVELAND CLINIC: A COMMENTARY ON RESEARCH TODAY	
75	<i>Irvine H. Page, M.D.</i>	197
	FATIGUE AND LEISURE	
90	<i>A. Dixon Weatherhead, M.D.</i>	207
	INSTRUCTIONS TO THE ILEOSTOMY PATIENT; MANAGEMENT OF THE STOMA	
105	<i>Rupert B. Turnbull, Jr., M.D.</i>	213
	RECENT PUBLICATIONS BY MEMBERS OF THE STAFF.	229
109	BUNTS INSTITUTE—POSTGRADUATE COURSES	233

116 No. 4 OCTOBER 1961

	CUSHING'S SYNDROME	
122	<i>E. Perry McCullagh, M.D.</i>	235
	FAMILY-CENTERED OBSTETRICS: AN EVALUATION	
129	<i>Albert C. Lammert, M.D., and Vernon F. Bradley, M.D.</i>	255
	A REVIEW OF OXYMORPHONE HYDROCHLORIDE (NUMORPHAN) ANALGESIA EMPLOYED FOR GENERAL SURGERY; INCLUDING CLINICAL EXPERIENCE WITH FIVE HUNDRED AND TWENTY-EIGHT PATIENTS	
134	<i>Carl E. Wasmuth, M.D., LL.B., and John Homi, M.D.</i>	262
141	MASSIVE LOBAR EMPHYSEMA IN INFANTS: DIAGNOSIS AND TREATMENT; REPORT OF THREE CASES	
144	<i>Robert D. Mercer, M.D., William A. Hawk, M.D., and Ghazar Darakjian, M.D.</i>	270
	RENAL ARTERIOVENOUS FISTULA: OCCURRENCE IN RENAL-CELL CARCINOMA; REPORT OF A CASE	
	<i>C. Edward B. Abbott, M.D., and Eugene F. Poutasse, M.D.</i>	283
145	RECENT PUBLICATIONS BY MEMBERS OF THE STAFF.	289
	BUNTS INSTITUTE—POSTGRADUATE COURSES	293

157 INDEX ISSUE

CLEVELAND CLINIC QUARTERLY—VOLUME 28, 1961

Number	Month of Issue	Pages
1	January	1-56
2	April	57-144
3	July	145-234
4	October	235-294

AUTHOR INDEX

Abbott, C. E. B., 283	Lammert, A. C., 255
Anderson, R., 157	Lefebvre, J. F., 122
Bradley, V. F., 255	McCormack, L. J., 5, 145
Brandon, J. M., 3	McCullagh, E. P., 70, 235
Bowling, G., 38	McIsaac, W. M., 145
Bunts, A. T., 58	Mercer, R. D., 270
Collis, J. S., Jr., 105	Nakamoto, S., 10, 20
Crile, G., Jr., 75	Page, I. H., 197
Cuthbertson, A., 109	Proudfit, W. L., 46
Darakjian, G., 270	Poutasse, E. F., 283
Decherd, G. M., 16	Ragde, H., 145
Dykes, E. R., 157	Reynolds, C. W., 70
Effler, D. B., 145, 166	Richards, N. G., 38
Faulkner, W. R., 116	Rosenbaum, J. L., 5
Franklin, M., 27	Schumacher, O. P., 122
Georgopoulos, A. J., 46	Straffon, R. A., 30, 61
Geyer, J. R., 20	Turnbull, R. B., Jr., 90, 109, 134, 213
Groves, L. K., 90, 145, 166, 176	Vlastaris, P. A., 46
Hawk, W. A., 270	Ward, E. B., 189
Homi, J., 262	Wasmuth, C. E., 262
King, J. W., 129	Weatherhead, A. D., 207
Kolff, W. J., 1	
Krieger, J. S., 61	

SUBJECT INDEX

- Analgesia: Oxymorphone hydrochloride (Numorphan) employed for general surgery, a review of; including clinical experience with 528 patients, 262
- Aneurysms of descending thoracic aorta, resection of, experience with 13 cases, 176
- Aorta, see Aneurysms.
- Autopsy, permission for, granted, 105
- Biopsy, renal, to predict clinical result of hemodialysis in chronic renal disease, 5
- Blood
pH of, measurement at room temperature, evaluation of error, 116
procurement in State of Ohio, 129
- Bunts Institute, see Postgraduate courses.
- Cancer, see Neoplasms.
- Colon
Cancer and Hirschsprung's disease, abdominorectal pull-through resection for; delayed posterior colorectal anastomosis, 109
right, used as esophageal prosthesis; report of five cases, 90
- Colostomy, instructions to the patient, 134
- Cushing's syndrome, 235
- Diabetes insipidus, treatment with benzydoflume-thiazide and potassium chloride in 11 patients, 122
- Dialysis
Artificial hibernation; report of three cases including two with dialysis, 20
Acute intoxication by hypnotic drugs, use of the artificial kidney, 3
Biopsy, renal, to predict clinical result of hemodialysis in chronic renal disease, 5
Clinical hemodialysis, present status, introduction to six short papers, 1
Edema fluid, removal by ultrafiltration with disposable twin-coil artificial kidney; report of two cases, 10
Hemodialysis, symposium, 1-29
in the aged; 27
Serum electrolyte abnormalities in renal failure, role of artificial kidney; report of four representative cases, 16
- Esophagus: Esophageal prosthesis, use of right colon; report of five cases, 90
- Fatigue and leisure, 207
- Fertility: Infertile couple, an evaluation, 189
- Fistula, renal arteriovenous, occurrence in renal-cell carcinoma; report of a case, 283
- Hartsock, Charles Lester, M.D., In Memoriam, 58
- Heart
Atrial septal defect, pitfalls in surgical closure; 115 cases, 166
Arterial pressure, R-wave voltage changes in hypertensive patients, 46
- Hemangiopericytoma; carcinoid tumor; "functioning" pulmonary neoplasms, 145
- Hibernation, artificial; report of three cases including two with dialysis, 20
- Hirschsprung's disease, cancer and, resection for; delayed posterior colorectal anastomosis, 109
- Hypertension: Hypertensive patients, R-wave voltage changes in relation to arterial pressure in, 46
- Ileum: Ileostomy patient, instructions on management of stoma, 213

Infants: Massive lobar emphysema, diagnosis and treatment; report of three cases, 270

Urinary incontinence in women, classification and diagnosis, 61

Kidney, artificial, see Dialysis.

Urinary tract infections, laboratory aids in diagnosis and treatment, 30

L-triiodothyronine, see Thyroid gland.

Wound healing: Operative wound infection prophylaxis, atraumatic technic—*sine qua non*, 157

Neoplasms

Cancer and Hirschsprung's disease, abdominoperineal pull-through resection; delayed posterior colorectal anastomosis, 109

Cancer, heat as adjunct to treatment; experimental studies, 75

Carcinoma, renal-cell, occurrence of renal arteriovenous fistula; report of a case, 283

"functioning" pulmonary; carcinoid tumor; hemangiopericytoma, 145

Obstetrics, family-centered, evaluation, 255

Postgraduate courses, Bunts Institute, 55, 144, 233, 293

Publications, recent, by Staff, 51, 141, 229, 289

Pulmonary emphysema: Lobar emphysema, massive, in infants; diagnosis and treatment; report of three cases, 270

Research Division, report on Cleveland Clinic; research today, commentary, 197

Sleep: Narcolepsy syndrome, diagnosis and treatment; analysis of 75 case records, 38

Symposium on hemodialysis, 1-29

Thyroid gland: Desiccated thyroid and l-triiodothyronine administration in hypometabolism without thyroidal deficiency, 70

tion at

in dia

ion pr
qua no